

### AMENDMENT

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. *(Currently Amended)* A voice-operated arrangement for interacting with a dual-tone multifrequency (DTMF)-controlled system, the arrangement comprising:
- a speech recognition unit responsive to voice commands from a user and generating a digital signal representative of a particular received voice command;
  - a speech-to-DTMF tones application, responsive to the digital signal outputs from the speech recognition unit for accessing a ~~proper~~ user record from a plurality of user records, retrieving dial-out information for a DTMF-controlled system associated with the user and completing a communication path between the user and said associated DTMF-controlled system, wherein said voice-operated arrangement monitors the communication path and retrieves ~~predetermined~~ further voice commands uttered by the user and translates the further ~~said predetermined~~ voice commands ~~prompts~~ into DTMF tones which are thereafter transmitted to said associated DTMF-controlled system.
2. *(Original)* The arrangement as defined in claim 1 wherein each user record includes a spoken voice identification field.
3. *(Original)* The arrangement as defined in claim 2 wherein each user record further includes a spoken voice password field.
4. *(Previously Presented)* The arrangement as defined in claim 1 wherein a plurality of different DTMF-controlled systems are associated with a user and the user record comprises a plurality of different fields for each DTMF-controlled system of said plurality of DTMF-controlled systems.
5. *(Previously Presented)* The arrangement as defined in claim 4 wherein the plurality of different fields for each DTMF-controlled system of the plurality of DTMF-controlled systems in a user record comprises a dial-out access number for each DTMF-controlled

system and a mapping of a plurality of voice commands to an associated plurality of DTMF tone sequences.

6. (Previously Presented) The arrangement as defined in claim 5 wherein the plurality of different fields comprises a series of DTMF tones for accessing the proper DTMF-controlled system within the plurality of DTMF-controlled systems.

7. (Original) The arrangement as defined in claim 1 wherein at least one DTMF-controlled system is a voice messaging system.

8. (Original) A method for interacting with at least one DTMF-controlled telecommunications system, the method comprising the steps of:

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- a) accessing, by a user, a speech-to-DTMF tone application;
  - b) retrieving a proper user record for the user identified in step a);
  - c) dialling out, by the application, to a DTMF-controlled system included in the user record retrieved in step b);
  - d) bridging together the call between the user and the application and the call between the application and the DTMF-controlled system;
  - e) in response to predefined voice commands uttered by the user and received by the speech-to-DTMF tone application, translating said voice commands into one or more DTMF tones accepted as commands by the DTMF-controlled system; and
  - f) transmitting said translated DTMF tone commands from the speech-to-DTMF tone application to the DTMF-controlled system.

9. (Original) The method as defined in claim 8 wherein in performing step a), the method comprises the additional step of authorizing a user by requesting and validating a spoken user password

10. (Original) The method as defined in claim 8 wherein the method is used for retrieving messages from a plurality of different messaging systems associated with a single user, the method comprising the further steps of

- g) querying the user record for additional DTMF-controlled system fields; and
- h) repeating steps c) – f) for each additional DTMF-controlled system.

11. *(Previously Presented)* A method for enabling a user to interact with a DTMF-controlled system via voice commands, the method comprising:

- a) accessing a user record from a plurality of user records, the user record including dial-out information associated with DTMF-controlled systems;
- b) receiving user access through a speech-to-DTMF tone application, the receiver access being accomplished by automatically dialing a number associated with a DTMF-controlled system from the accessed user record;
- c) establishing a communication link between the speech-to-DTMF tone application and a DTMF-controlled system;
- d) bridging, via the speech-to-DTMF tone application, communication between the user and the DTMF-controlled system; and
- e) translating a received voice command from the user into a DTMF tone for use by the DTMF-controlled system.

12. *(Previously Presented)* The method of claim 11, wherein the DTMF-controlled system listed in the user record is associated with the user.

13. *(Previously Presented)* The method of claim 11, further comprising transmitting the translated voice command from the speech-to-DTMF tone application to the DTMF-controlled system.

14. *(Previously Presented)* The method as defined in claim 11 further comprising validating user access via requesting a spoken user password.

15. *(Previously Presented)* The method as defined in claim 12 wherein the method is used for retrieving messages from a plurality of different messaging systems associated with a single user, the method further comprising:

- querying the user record for additional DTMF-controlled system fields; and
- repeating steps b) – d) for each additional DTMF-controlled system.

16. *(Previously Presented)* The method of claim 11, wherein the voice commands translated into a DTMF tone for use by the DTMF-controlled system enable the user to navigate through a menu of the DTMF-controlled system.

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